

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Angeline Ingrid Bartholomeusz, et al.    **Examiner:** Agnieszka Boesen

**Serial No.:** 10/576,906    **Art Unit:** 1648

**Filed:** February 14, 2007    **Docket:** 19781

**For:** HBV VARIANTS DETECTION  
AND APPLICATION    **Dated:** January 7, 2010

**Confirmation No.:** 7415

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action dated October 8, 2009, and in accordance with the provisions of 37 C.F.R. §1.111, Applicants submit the following amendments and remarks for entry in the above-identified case.

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**CERTIFICATE OF ELECTRONIC FILING**

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Dated: January 7, 2010

  
Xiaochun Zhu